Exhibit 4

Document Description: Oath or declaration filed

SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)									
Title of Invention	Directed Wirele	ss Communication							
OR X United S									
		vhom this substitute e (if any)) and Family Na							
(E.g., Given N	ame (iirst and middle			Da Silva					
Residence (e	cept for a decease	d or legally incapacitat	ed in	iventor):					
Sp City	okane	WA State	p10	U	nited States of America				
Mailing Addre	ess (except for a dec	ceased or legally incap	acita	ited inventor):					
5510 East 2	25th								
Sp City	okane	WA State	Zip	99223	United States of America Country				
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.									
Relationship to the inventor to whom this substitute statement applies: Legal Representative (for deceased or legally incapacitated inventor only), X Assignee, Person to whom the inventor is under an obligation to assign, Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or Joint Inventor.									

SUBSTITUTE STATEMENT											
Circumstances permitting execution of the	Circumstances permitting execution of this substitute statement:										
Inventor is deceased,											
Inventor is under legal incapaci	Inventor is under legal incapacity,										
x Inventor cannot be found or rea	x Inventor cannot be found or reached after diligent effort, or										
Inventor has refused to execute t	the oath or declaration under	37 CFR 1.63.									
If there are joint inventors, please check	the appropriate box below:										
An application data sheet under 3 or is currently submitted.	37 CFR 1.76 (PTO/AIA/14 or 6	equivalent) naming the en	ntire inventive entity has been								
OR											
An application data sheet under 3 Statement Supplemental Sheet (F information is attached. See 37 Cl	PTO/AIA/11 or equivalent) nam										
	WARNING:										
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.											
PERSON EXECUTING THIS SUBSTITUTE	STATEMENT:										
	Kai Hansen										
Name:			Date (Optional):								
Signature:											
APPLICANT NAME AND TITLE OF PERSO											
If the applicant is a juristic entity, list the app		signer:									
Applicant Name.	_C D/B/A Vivato Technologies										
Title of Person Executing This Substitute Statement:											
The signer, whose title is supplied above, is											
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):											
San Diego CA United States of America											
City State Country Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent) 6260 Sequence Drive; Suite 100											
San Diego City	CA State	92121 Zip	United States of America Country								
Note: Use an additional PTO/AIA/02 form	for each inventor who is dece	eased, legally incapacitate	Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.								

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Title of Invention	Directed Wireless Communication						
OR X United S	This statement is directed to: The attached application, OR X United States application or PCT international application number 13/855,410 filed on 04/02/2013 . LEGAL NAME of inventor to whom this substitute statement applies:						
(E.g., Given N	lame (first and middle	e (if any)) and Family Na					
				. Crilly, Jr.			
	xcept for a decease erty Lake	d or legally incapacitat	ed in	1			
City	erty Lake	WA State		Country	nited States of America		
-	ess (except for a dec nd Avenue Ct.	ceased or legally incap	acita	ated inventor):			
Libe City	rty Lake	WA State	Zip	99019	United States of America Country		
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.							
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	SUBSTITUTE STATEMENT									
Circu	umstances permitting execution of	this substitute statement:								
	Inventor is deceased,									
	Inventor is under legal incapacity,									
X	Inventor cannot be found or re	eached after diligent effort, or								
	Inventor has refused to execute	e the oath or declaration under 3	7 CFR 1.63.							
If the	re are joint inventors, please checl	k the appropriate box below:								
X	An application data sheet under or is currently submitted.	37 CFR 1.76 (PTO/AIA/14 or e	quivalent) naming the enti	ire inventive entity has been						
C	DR									
	An application data sheet under Statement Supplemental Sheet (information is attached. See 37 0	(PTO/AIA/11 or equivalent) nami								
		WARNING:								
(other to suppetition uspection to supper the contraction to supper th	Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.									
PERS	ON EXECUTING THIS SUBSTITUTE	STATEMENT:	4							
		Kai Hansen								
Signa	Name: Date (Optional): Signature:									
$\overline{}$	ICANT NAME AND TITLE OF PERS applicant is a juristic entity, list the ap									
	VR Communications I	•	gner.							
Title o	Applicant Name: XR Communications, LLC D/B/A Vivato Technologies Title of Person Executing This Substitute Statement:									
	rigner, whose title is supplied above, is	s authorized to act on behalf of the	applicant.							
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):										
San Diego CA United States of America City State Country										
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent) 6260 Sequence Drive; Suite 100										
City	San Diego	CA State		United States of America Country						
Note:	Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.									

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Title of Invention	Directed Wireless Communication							
OR X United \$	This statement is directed to: The attached application, OR X United States application or PCT international application number 13/855,410 filed on 04/02/2013 .							
		vhom this substitut e (if any)) and Family Na		···				
(L.g., Olvoiri	ano (mor ana maan			J. Conley				
Residence (e	xcept for a decease	d or legally incapacita	ted in	nventor):				
Libe City	rty Lake	WA State		U Country	nited States of America			
Mailing Addre	ess (except for a dec	ceased or legally incar	acita					
23326 E. 2r	nd Avenue							
Libe City	rty Lake	WA State	Zip	99019	United States of America Country			
I believe the al in the applic		or joint inventor to be th	e orig	ginal inventor or an or	riginal joint inventor of a claimed invention			
The above-ide	ntified application wa	s made or authorized to	be m	ade by me.				
	I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.							
Relationship to the inventor to whom this substitute statement applies: Legal Representative (for deceased or legally incapacitated inventor only), X Assignee, Person to whom the inventor is under an obligation to assign,								
	on who otherwise sho	ows a sufficient propriet	ary ir	nterest in the matter	(petition under 37 CFR 1.46 is required), or			

SUBSTITUTE STATEMENT										
Circumstances permitting execution of this substitute statement:										
Inventor is deceased,										
Inventor is under legal incapacity,										
x Inventor cannot be found or reached after diligent effort, or										
Inventor has refused to execute the oath or declaration under 37 CFR 1.63.										
If there are joint inventors, please check the appropriate box below:										
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.										
OR										
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).										
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:										
Kai Hansen										
Name: Date (Optional):										
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:										
If the applicant is a juristic entity, list the applicant name and the title of the signer: Applicant Name: XR Communications, LLC D/B/A Vivato Technologies										
Title of Person Executing										
This Substitute Statement: The signer, whose title is supplied above, is authorized to act on behalf of the applicant.										
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):										
San Diego CA United States of America City State Country										
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)										
6260 Sequence Drive; Suite 100										
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Title of Invention	Directed Wireless Communication							
OR X United 8	101077							
		vhom this substitute						
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Residence (e	xcept for a decease	d or legally incapacitat	ed in	nventor):				
Sp City	ookane	WA State	•	U Country	nited States of America			
Mailing Addre	ess (except for a dec	ceased or legally incap	acita					
2123 West	1st Ave., Apt 3							
Sp City	okane	WA State	Zip	99204	United States of America Country			
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.								
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:										
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Name: Date (Optional):										
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APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:										
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Applicant Name: XR Communications, LLC D/B/A Vivato Technologies Title of Person Executing										
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Residence (e:	xcept for a decease	d or legally inca	apacitated in	nventor):					
Var City	ncouver	BC State		Country	Canada				
Mailing Addre	ess (except for a decion of the street	ceased or legall	y incapacita	·					
Var City	ocouver	State	Zip	V5X3C2	Canada Country				
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.									
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:									
Kai Hansen									
Name: Date (Optional):									
Signature:									
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:									
If the applicant is a juristic entity, list the applicant name and the title of the signer:									
Applicant Name: XR Communications, LLC D/B/A Vivato Technologies Title of Person Executing									
This Substitute Statement:									
The signer, whose title is supplied above, is authorized to act on behalf of the applicant.									
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):									
San Diego CA United States of America Ity State Country									
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6260 Sequence Drive; Suite 100									
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		e (if any)) and Family N						
			Huju	ın Yin				
		d or legally incapacita	ted ir	rventor):				
Sp City	ookane	WA			nited States of America			
	ess (except for a dec	State ceased or legally incar	pacita	Country ated inventor):				
Ĭ	erry Street, Apt. 2			,				
Sp City	okane	WA State	Zip	99216	United States of America Country			
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.								
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PERSON EXECUTING THIS SUBSTITUTE	STATEMENT:									
N	Kai Hansen		D - (O - () - 1)							
Signature:	Name: Date (Optional):									
APPLICANT NAME AND TITLE OF PERSON If the applicant is a juristic entity, list the app										
	LC D/B/A Vivato Technologies									
Title of Person Executing This Substitute Statement:										
The signer, whose title is supplied above, is authorized to act on behalf of the applicant.										
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):										
San Diego CA United States of America City State Country										
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